

# **sinclair ZX SOFTWARE**

## Sinclair: publishers of proven software

The unprecedented popularity of the ZX Series of Sinclair Personal Computers has generated a large volume of programs written by users.

Sinclair has undertaken to publish the most elegant of these on pre-recorded cassettes. Each program is carefully vetted for interest and quality, and then grouped with other programs to form a single-subject cassette.

Each cassette costs £3.95 (including VAT and p&p) and comes complete with full instructions.

Although primarily designed for the Sinclair ZX81, many of the cassettes are suitable for running on a Sinclair ZX80 - if fitted with a replacement 8K BASIC ROM.

Some of the more elaborate programs can be run only on a Sinclair ZX Personal Computer augmented by a 16K-byte add-on RAM pack.

This RAM pack and the replacement ROM are described below. And the description of each cassette makes it clear what hardware is required.

## 8K BASIC ROM

The 8K BASIC ROM used in the ZX81 is available to ZX80 owners as a drop-in replacement chip. With the exception of animated graphics, all the advanced features of the ZX81 are now available on a ZX80 - including the ability to run much of the Sinclair ZX Software. The ROM chip comes with a new keyboard template and a new operating manual.

## 16K-BYTE RAM PACK

The Sinclair RAM pack provides 16-times more memory in one complete module. Compatible with the ZX81 and the ZX80, it can be used for program storage or as a database.

The RAM pack simply plugs into the expansion port on the rear of a Sinclair ZX Personal Computer.

## CASSETTE 1 - GAMES

For ZX81 (and ZX80 with 8K BASIC ROM)

ORBIT - your space craft's mission is to pick up a very valuable cargo that's in orbit around a star.

SNIPER - you're surrounded by 40 of the enemy. How quickly can you spot and shoot them when they appear?

METEORS - your starship is cruising through space when you meet a meteor storm. How long can you dodge the deadly danger?

LIFE - one of the most famous programs in the computer world. Study the life, death and evolution pattern of cells.

WOLFPACK - your naval destroyer is on a submarine hunt. The depth charges are manned, but must be fired with precision.

GOLF - what's your handicap? It's a tricky course but you control the strength of your shots.

## CASSETTE 2 - JUNIOR EDUCATION (7 to 11-year-olds)

For ZX81 with 16K RAM pack

CRASH - simple addition, with the added attraction of a car crash if you get it wrong.

MULTIPLY - long multiplication with five levels of difficulty. If the answer's wrong - the solution is explained.

TRAIN - multiplication tests against the computer. The winner's train reaches the station first.

FRACTIONS - fractions explained at three levels of difficulty. A ten-question test completes the program.

ADDSUB - addition and subtraction with three levels of difficulty. Again, wrong answers are explained and corrected.

DIVISION - with five levels of difficulty. Mistakes are explained graphically and a running score is displayed.

SPELLING - up to 500 words over five levels of difficulty. You can even change the words yourself.

### CASSETTE 3 - BUSINESS & HOUSEHOLD

For ZX81 (and ZX80 with 8K BASIC ROM) with 16K RAM pack

TELEPHONE - set up your own computerised telephone directory and address book. Changes, additions and deletions of up to 50 entries are easy. You can search for entries by name or address - even by part-name or part-address.

NOTE PAD - a powerful, easy-to-run system for storing and retrieving everyday information. Use it as a diary, a catalogue, a reminder system, or as a directory.

BANK ACCOUNT - a sophisticated financial recording system with comprehensive documentation. Use it at home to keep track of 'where the money goes', and at work for expenses, departmental budgets, etc.

### CASSETTE 4 - GAMES

For ZX81 (and ZX80 with 8K BASIC ROM) with 16K RAM pack

LUNAR LANDING - bring the lunar module down from orbit to a soft landing. You control attitude and orbital direction - but watch the fuel! The screen displays your flight status - digitally and graphically.

TWENTYONE - a dice version of Blackjack.

COMBAT - you're on a suicide space mission. You have only 12 missiles but the aliens have unlimited strength. Can you take 12 of them with you?

CODEBREAKER - the computer thinks of a 4-digit number which you have to guess in up to 10 tries.

SUBSTRIKE - on patrol your frigate detects a pack of 10 enemy subs. Can you depth-charge them before they torpedo you?

MAYDAY - in answer to a distress call, you've narrowed down the search area to 343 cubic kilometers of deep space. Can you find the astronaut before his life-support system fails in 10 hours time?

## CASSETTE 5 - JUNIOR EDUCATION (9 to 14-year-olds)

For ZX81 (and ZX80 with 8K BASIC ROM)

MATHS - tests arithmetic with three levels of difficulty, and gives your score out of 10.

BALANCE - tests understanding of levers/fulcrum theory with a series of graphic examples.

VOLUMES - 'yes' or 'no' answers from the computer to a series of cube volume calculations.

AVERAGES - what's the average height of your class/shoe size of your family/pocket money of your friends? The computer plots a bar chart and distinguishes MEAN from MEDIAN.

BASES - convert from decimal (base 10) to other bases of your choice in the range 2 to 9.

TEMP - volumes, temperatures - and their combinations.

-----  
**ORDER FORM - PLEASE PRINT**

To: Sinclair Research, FREEPOST 7, Cambridge, CB2 1YY

Please send me the items I have indicated below.

QTY	CODE	ITEM	ITEM PRICE	TOTAL
21		Cassette 1 - Games	£3.95	
22		Cassette 2 - Junior Education	£3.95	
23		Cassette 3 - Business & Household	£3.95	
24		Cassette 4 - Games	£3.95	
25		Cassette 5 - Junior Education	£3.95	
17		*8K BASIC ROM for ZX80	£19.95	
18		*16K RAM pack for ZX81 and ZX80	£49.95	
		*Post and packing (if applicable)	£2.95	
		TOTAL		£ _____

\*Please add £2.95 to total order value  
only if ordering ROM and/or RAM.

I enclose a cheque/PO to Sinclair Research Ltd for £ \_\_\_\_\_

Please charge my Access\*/Barclaycard no .....

\*Please delete as applicable.

Name: Mr/Mrs/Miss .....

Address : .....

.....